

**What Is Claimed Is:**

1. Telescopic system with imaging function, comprising:  
5       at least one tube comprising a beam path through an objective and an eyepiece;  
      a device for coupling out a partial light beam;  
      a module with an image sensor for converting images into digital data, which is fitted to a housing of the tube which contains said device for coupling out said partial light beam in such a way that it is possible to couple out an optical signal on said image sensor;  
10       an autonomous digital camera with an interface for an additional external image sensor.  
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2. The telescopic system with imaging function as claimed in claim 1, wherein said module is connected to said interface of the digital camera via  
20       a cable.
3. The telescopic system with imaging function as claimed in claim 2, wherein the digital image information can be transmitted via said cable.  
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4. The telescopic system with imaging function as claimed in claim 1, wherein the digital image information can be transmitted wireless.  
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5. The telescopic system with imaging function as claimed in claim 1, wherein said device for coupling out said partial light beam is a beam splitter cube.  
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6. The telescopic system with imaging function as claimed in claim 1, wherein said device for coupling out said partial light beam is a splitter

mirror.

- 5       7.    The telescopic system with imaging function as  
          claimed in claim 1, wherein said interface is a  
          USB-interface.
- 10       8.    The telescopic system with imaging function is  
          claimed in claim 1, wherein said interface is an  
          RS 232-interface.
9.    The telescopic system with imaging function as  
          claimed in claim 1, wherein said interface is an  
          IEC 1394-interface.
- 15    10.   The telescopic system with imaging function as  
          claimed in claim 2, wherein the voltage supply is  
          provided via said cable.